Nokia Customer Care
RH-53/54

2-General Information

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General Information about RH-53/54

RH-53/54 is based on a common phone platform with a colour display. The RH-53 900/ 1800MHz (EU, APAC) and RH/54 850/1900MHz (US) operate on dual-band GSM or EGSM networks.

RH-53/54 basic products and modules are listed below.

Name	Type code	Bill of Material	Module code
Basic handportable	RH-53		0513852
System module		BOM-1	0202236
System module		BOM-2	0202424
Basic handportable	RH-54		0513853
System module		BOM-1	0202294

Figure 1:RH-53/54

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Basic transceiver RH-53/54 (Nokia 2650/2651)

Nokia 2650 Eur/Afr/APAC

Technical type RH-53 for Europe/Africa and APAC/LTA

Name	Type code	Bill of material	Module code
Basic handportable	RH-53		0513852
Engine module		BOM-1	0202236
Engine module		BOM-2	0202424
Mechanics assembly parts	RH-53		0263550

Swap phones

RH-53	Area/Country
0086213	SWAP ENGINE FRANCE RED
0086214	SWAP ENGINE FRANCE SILVER
0086212	SWAP ENGINE FRANCE BROWN
0086210	SWAP ENGINE S-AFRICA RED
0086209	SWAP ENGINE S-AFRICA BROWN
0086211	SWAP ENGINE S-AFRICA SILVER
0086208	SWAP ENGINE UKRAINE SILVER
0086205	SWAP ENGINE UKRAINE BROWN
0086204	SWAP ENGINE TURKEY SILVER
0086203	SWAP ENGINE TURKEY RED
0086202	SWAP ENGINE TURKEY BROWN
0086206	SWAP ENGINE UKRAINE RED
0086201	SWAP ENGINE RUSSIA SILVER
0086200	SWAP ENGINE RUSSIA RED
0086199	SWAP ENGINE RUSSIA BROWN
0086198	SWAP ENGINE E&A SILVER
0086197	SWAP ENGINE E&A RED
0086196	SWAP ENGINE E&A BROWN
0086233	SWAP ENGINE ISRAEL SILVER
0086232	SWAP ENGINE ISRAEL BROWN

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RH-53	Area/Country
0086231	SWAP ENGINE GREECE SILVER
0086234	SWAP ENGINE ISRAEL RED
0086230	SWAP ENGINE GREECE RED
0086229	SWAP ENGINE GREECE BROWN
0086225	SWAP ENGINE GULF SILVER
0086224	SWAP ENGINE GULF RED
0086223	SWAP ENGINE GULF BROWN

Nokia 2651 USA

Technical type RH-54 for the North America

Name	Type code	Bill of material	Module code
Basic handportable	RH-54		0513853
Engine module		BOM-1	0202294
Mechanical assembly	RH-54		0263642

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Accessories List

Table 1:

Batteries	Type	Product code:
Battery 760mAH Li-Ion	BL-4C	0670386
Chargers	**Type**	**Product code:**
Travel Charger	AC-1E	0675349
Travel Charger	AC-1X	0675350
Travel Charger	AC-1U	0675351
Travel Charger	AC-1R	0675353
Travel Charger	AC-1A	0675354
Travel Charger	AC-1AR	0675355
AC Travel Charger	ACP-7E	0675144
AC Travel Charger	ACP-7U	0675143
AC Travel Charger	ACP-7C	0675158
AC Travel Charger	ACP-7X	0675145
AC Travel Charger	ACP-7H	0675146
AC Travel Charger	ACP-7A	0675148
Performance Travel Charger (EUR)	ACP-8E	0675195
Performance Travel Charger (Korea)	ACP-8K	0675199
Performance Travel Charger (UK)	ACP-8X	0675197
Performance Travel Charger (US)	ACP-8U	0675196
Performance Travel Charger (China)	ACP-8C	0675211
Performance Travel Charger (Australia)	ACP-8A	0675214
Travel Charger	ACP-12E	0675294
Travel Charger	ACP-12X	0675296
Travel Charger	ACP-12U	0675303
Travel Charger	ACP-12UB	0675203
Travel Charger	ACP-12G	0675293

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Table 1:

Chargers	Type	Product code:
Travel Charger	ACP-12C	0675297
Travel Charger	ACP-12A	0675300
Travel Charger	ACP-12AR	0675298
Retractable Travel Charger	AC-1	067xxx
Audio	**Type**	**Product code:**
Boom headset	HDB-5	0273495
Headset	HDC-5	0271467
Mobile Inductive Loopset	LPS-3	0630244
Headset	HDE-2	0272983, 0272743, (APAC) 0275538 (China), 0275829 (Brazil)
Dual Mono Headset	HS-7	0277516 (Canada), 0277515 (US), 0278034 (Brazil), 0278143 (America)
HDA-9 TTY Adapter(for 2651 only)	HDA-9	0273901
Car accessories:	**Type**	**Product code**
Plug-in HF Car Kit	PPH-1	0272170
Microphone	HFM-8	0271503
Mobile Charger	LCH-9	0675120
Mobile charger	LCH-12	0675328
Personal accessories:	Type	Product code
Carrying cases		N/A

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Technical Specifications

General specifications of transceiver

Unit	Dimensions (mm) (L x W x T)	Weight (g)	Volume (cm^3)
Transceiver with BL-4C 760mAh Li-Ion battery pack	86mm x 43,8mm (ends) and 46mm (middle) x 22.9mm (when closed)	96,5	77

Parameter	Value
Cellular System	RH-53: GSM900, EGSM900, GSM1800 RH-54: GSM850, GSM1900
RX Frequency Band	RH-53: EGSM: 925 - 935 MHz GSM900: 935 - 960 MHz GSM1800: 1805 - 1880 MHz RH:54: GSM850: 869 - 894 MHz GSM1900: 1930 - 1990 MHz
TX Frequency Band	RH-53: EGSM: 880 - 890 MHz GSM900: 890 - 915 MHz GSM1800: 1710 - 1785 MHz RH-54: GSM850: 824 - 849 MHz GSM1900: 1850 - 1910 MHz

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Transmitter output power

Frequency band	Value
RH-53:	
GSM900, EGSM900	32.5dBm
GSM1800	28.5dBm
RH-54:	
GSM850	32.5dBm
GSM1900	28.5dBm

Environmental conditions

Environmental condition	Ambient temperature	Notes
Normal operation	-10 ^{o}C ... +55 ^{o}C	Specifications fulfilled
Reduced performance	+55 ^{o}C ... +65 ^{o}C	Operational only for short periods
Intermittent operation	-20 ^{o}C ... -10 ^{o}C and +65 ^{o}C ... +85 ^{o}C	Operation not guaranteed but an attempt to operate will not damage the phone
No operation	-40 ^{o}C ... -20 ^{o}C	Operation not possible but an attempt to operate will not damage the phone
No operation or storage	< -40 ^{o}C and > +85 ^{o}C	No storage; an operation attempt may cause permanent damage
Charging allowed	-25 ^{o}C ... +60 ^{o}C	
Long term storage conditions	0 ^{o}C ... +40 ^{o}C	

Transceiver features

Hardware characteristics

- FR, EFR, HR, AMR·
- 128x128 pixel high resolution color display·
- Jack 4.4 UI·
- 4-way scroll & 2 softkeys·
- Silicone keymat with white pearl paint·
- Fold phone with internal antenna·

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- Charger plug & headset connector·
- Built-in vibrator

POWER MANAGEMENT BL-4C:

- Capacity (mAh) 760
- Talk time180 min
- Stand-by300 hr

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